

Bar
JWS
XMP

July 6, 1978

Memo to File:

Re: Interstate Brick Company
Long Canyon Mine
ACT/049/007



On June 14th 1978, Brian Buck inspected the site of this proposed open pit clay mine on the west side of the Lake Mountains. The main access to this site is a graded road which provides access to Mercur Canyon. About 1000 feet of new road will be required to connect the mine with the existing road. This new road will have to cross a drainage which is about 60 feet deep. The road will have to cross the channels with large culverts or fords.

The pit will be developed in a clay seam immediately overlying a south-eastward dipping resistant limestone bed. The pit will be in an ephemeral drainage behind some hills which will hide the mine from the road. The mining plan indicates that the ephemeral drainage would be dammed by the overburden dump and rerouted to the north. This appears to be feasible and would provide water storage for wildlife in this arid area.

Very little soil, if any, is present. The most soil would be saved from the north end of the pit from the clay stockpile area. The clay and spoil materials probably would support vegetation without a complete cover of soil.

The vegetation is quite sparse due to the steep slopes of outcrop which abound in the pit area.

In general, the remote location of the pit and the surrounding hills make this location well suited for a small open pit.

Brian Buck 
Engineering Geologist 

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